

Figure 1

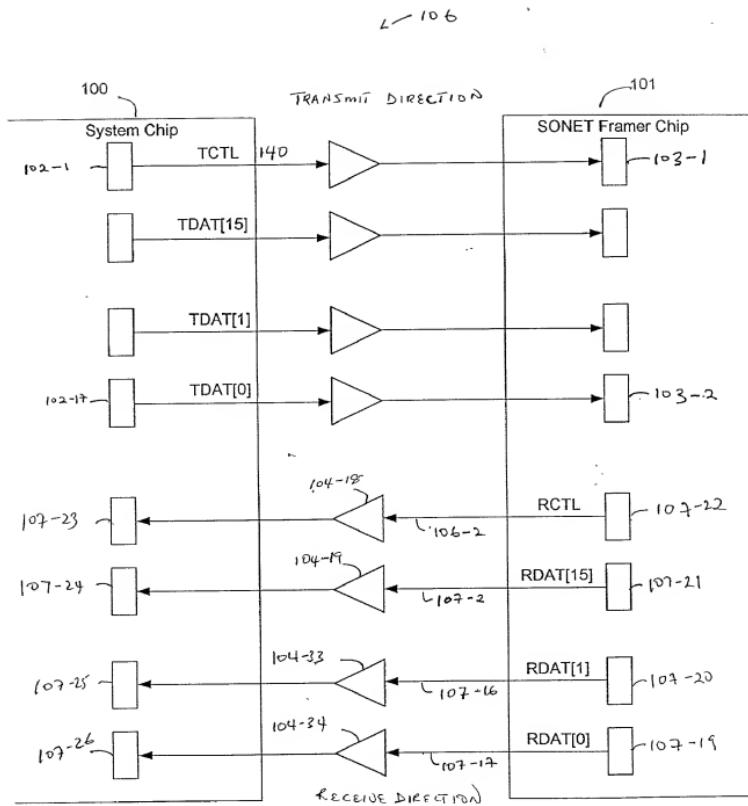


Figure 1A

Cycle	Tcell	TDA1 [I]															
		15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
1	1	0	X	X	0	0	0	0	0	0	0	0	0	A	C	D	0
2	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
3	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
4	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
5	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
6	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
7	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
8	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
9	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
10	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
11	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
12	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
13	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
14	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
15	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
16	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
17	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
18	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
19	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
20	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
21	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
20x-1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
20x-17	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
20x-16	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
20x-15	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
20x-14	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
20x-13	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
20x-12	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
20x-11	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
20x-10	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
20x-9	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
20x-8	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
20x-7	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
20x-6	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
20x-5	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
20x-4	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
20x-3	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
20x-2	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
20x-1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
20x	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
20x+1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0

200

Fig 2

TOOTTY = 96808660

300

Cycle	Tct1	TDAT [1]																3	2	1	0	
		15	14	13	12	11	10	9	8	7	6	5	4	3	2	C	B	A				
1	1	0	0	X	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	0	0	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 α -16	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20 α -17	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20 α -16	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20 α -15	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20 α -14	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20 α -13	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20 α -12	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20 α -11	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20 α -10	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20 α -9	1	0	0	0	0	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
20 α -8	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 α -7	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 α -6	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 α -5	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 α -4	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 α -3	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 α -2	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 α -1	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 α	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 α +1	0	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Fig 3

↙ 400

Cycle	Tcell	TDA[1]															
		15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
1	1	0	X	X	0	0	0	0	0	0	0	0	0	A	B	C	D
2	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
3	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
4	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
5	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
6	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
7	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
8	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
9	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
10	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
11	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
12	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0
13	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0
14	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
15	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
16	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
17	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
18	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
19	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
20	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
21	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
20α-18	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
20α-17	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
20α-16	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
20α-15	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
20α-14	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
20α-13	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
20α-12	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
20α-11	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
20α-10	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
20α-9	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
20α-8	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0
20α-7	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
20α-6	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
20α-5	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
20α-4	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
20α-3	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
20α-2	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
20α-1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
20α	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
20α+1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0

Fig 4

← 500

Cycle	Tcell	TDAT[I]															
		15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
1	1	0	X	X	0	0	0	0	0	0	0	0	0	A	B	C	D
2	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
3	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
4	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
5	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
6	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
7	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
8	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
9	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
10	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
11	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
12	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
13	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
14	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
15	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
16	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
17	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
18	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
19	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
20	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
21	0	1	1	1	1	0	1	1	1	0	0	0	0	0	0	0	0
20 α -18	1	0	0	0	0	1	1	1	0	1	1	1	1	1	1	1	1
20 α -17	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
20 α -16	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
20 α -15	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
20 α -14	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
20 α -13	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
20 α -12	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
20 α -11	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
20 α -10	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
20 α -9	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
20 α -8	0	1	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0
20 α -7	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
20 α -6	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
20 α -5	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
20 α -4	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
20 α -3	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
20 α -2	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
20 α -1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
20 α	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
20 α +1	0	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0

Fig 5

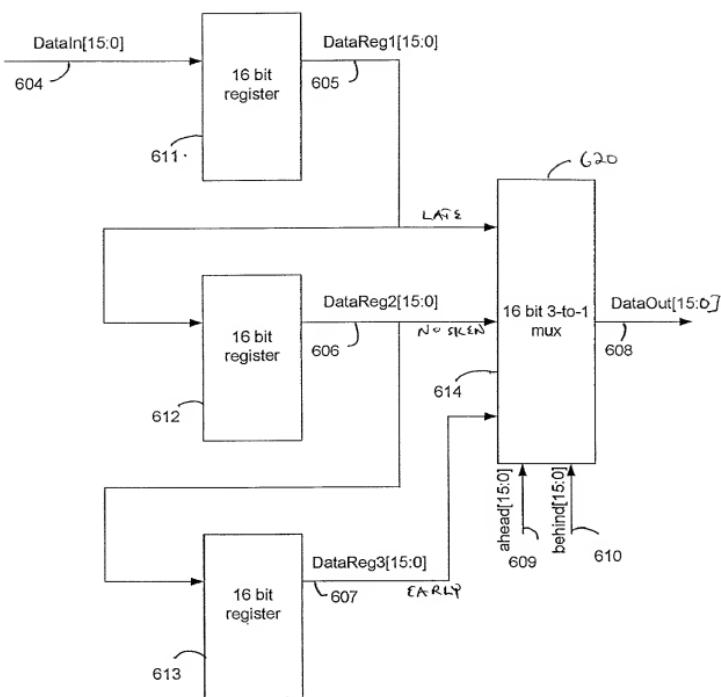


Figure 6

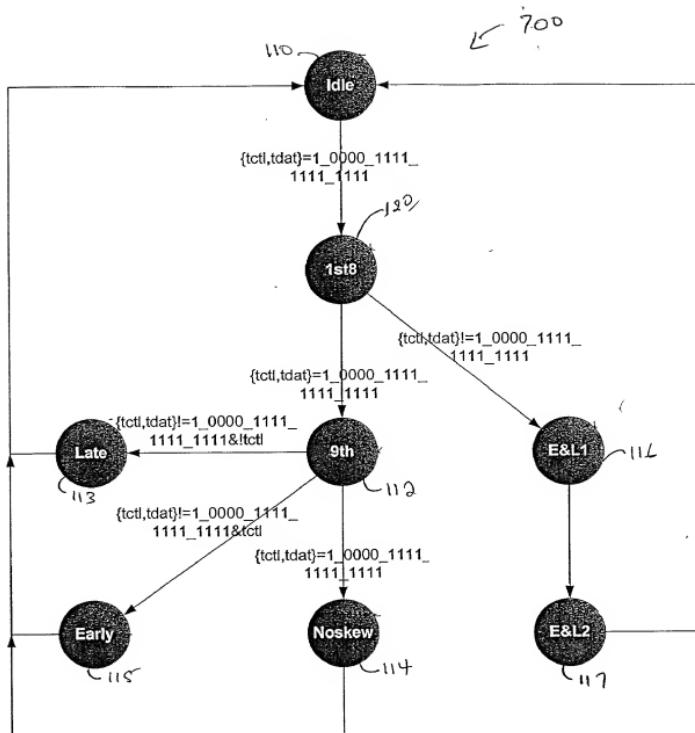


Figure 7

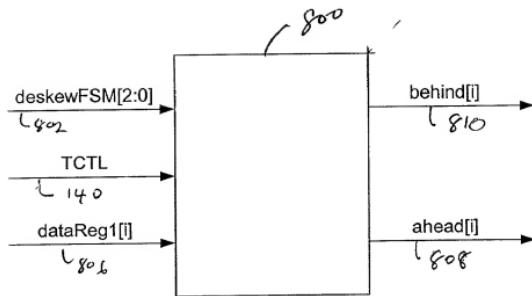


Figure 8

0000000000000000

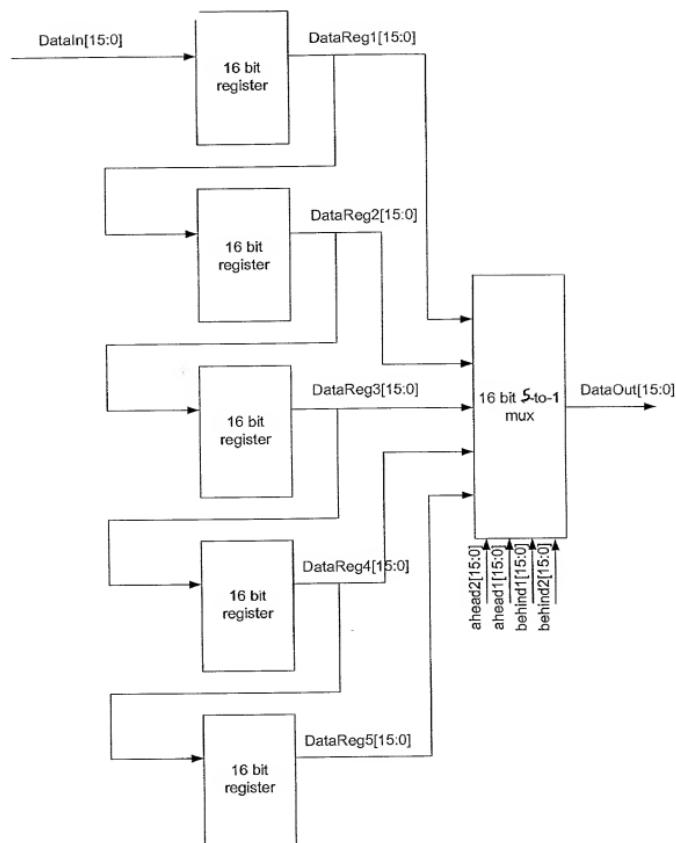


Figure 9

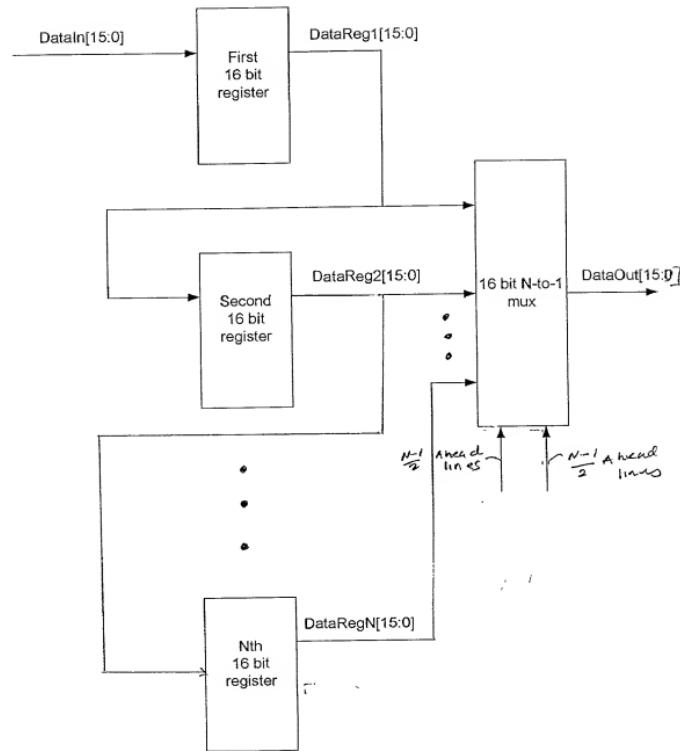


Figure 10.